

-4- (WPAT)  
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YRPX- N97-181830  
I I - Automatic scene detection method for selecting video highlights  
from movie, news, sports clippings - detects presence of video  
special effect such as dissolve in clipping by comparing moving  
image with buffered frame and thereby finds beginning of  
highlight sequence marked by this special effect  
DC - T01 W04  
PA - (HITA ) HITACHI LTD  
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PN -- JP09065287 A 97.03.07 \* (9720) 11p H04N-005/93  
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AB - JP09065287 A

The method involves processing the moving image in a processing  
equipment in specific frame time intervals. Other frames are also  
buffered in the processing equipment. The buffered frames are  
compared with the moving image frames to detect special image  
effects such as a dissolve where one frame fades into  
another. Various other states of an image such as a change of  
cut or display of subtitles is also detected. These special  
effects are included in the original video to mark out highlight  
sequences or selected sequences.

When a special effect is detected, the video area from that  
frame for a constant number of frames based on a constant time  
factor or from that frame till another special effect is detected  
is extracted. Therefore, the selected portions of the video such  
as highlight sequences are automatically detected and extracted.

ADVANTAGE - Detects accurately required scene during  
broadcast. Processes at high speed as judgment is based on simple  
image or its variation and its combination of audio. (Dwg.6/8)

FN - WPH4PN21.GIF

SS 21?  
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SS 21 RESULT (4)

SS 22?  
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